General Information

Accommodation and travel expenses are to be borne by the participants. No TA/DA will paid to the participants. Breakfast, lunch, tea and snacks will be provided to the participants during the days of the workshop.

How to apply

Duly filled registration form (downloadable from *www.cet.ac.in*) in the prescribed format, recommended/sponsored by the competent authority should reach the coordinator latest by **June 24, 2019.** To enhance early processing of applications, you may mail a scanned copy of the same to *sreelals@cet.ac.in*.

Coordinators

Dr. Salim A.
Professor, Dept. of CSE
Email: *salim@cet.ac.in*
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Prof. Sreelal S.
Associate Professor, Dept. of CSE
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Important Dates

Last Date of Receiving Application : **24-06- 2019**

Date of Intimation about Selection : **25-06-2019**

Dates of the Workshop : **01 -07-2019 to 05-07-2019**

Communication Address

Prof. Sreelal S,
Associate Professor,
Dept. of Computer Science and Engineering,
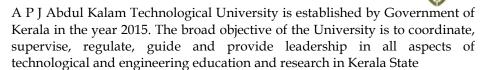College of Engineering Trivandrum 695016

AICTE Training And Learning(ATAL) Academy

AICTE is committed for the development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. The Council understands that it is the need of the day to train the young generation in skill sector and faculty & technicians in their respective disciplines. To keep an institute competitive and more productive, faculty training on the latest tools and technologies is vital. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies. Accordingly, it was decided to the formation of AICTE Training And Learning - (ATAL) Academies.

As a part of its activities, AICTE Training and Learning (ATAL) Academy Kerala will conduct its second programme from 1st to 5th July, 2019 at College of Engineering Trivandrum in association with APJ Abdul Kalam Technological University (KTU), Kerala.

APJ Abdul Kalam Technological University

A P J Abdul Kalam Technological University is established by Government of Kerala in the year 2015. The broad objective of the University is to coordinate, supervise, regulate, guide and provide leadership in all aspects of technological and engineering education and research in Kerala State

The University has its headquarters at Thiruvananthapuram and its jurisdictional authority extends to the whole Kerala State. The University has been established both as a teaching and affiliation university. This University is formulated to unify the technical education system in the State and cater to the aspirations of every student to have world-class education.

College of Engineering Trivandrum

College of Engineering Trivandrum was established in the year 1939. It is the first and the most sought-after engineering college in Kerala. With 8 UG and 28 PG programmes, the college plays a pioneering role in engineering education in the state. Department of Computer Science and Engineering was started in the year 1984. Presently the department offers B-Tech course in Computer Science and Engineering and two M-Tech courses. It gets the best students of the State and the campus placement is nearly 100% every year.

The department has the state-of-the-art laboratory facilities, expert faculty and very good technical library

The Programme

Data science is a broad field that refers to the collective processes, theories, concepts, tools and technologies that enable the review, analysis and extraction of valuable knowledge and information from raw data. It enables the use of theoretical, mathematical, computational and other practical methods to study and evaluate data. The key objective is to extract required or valuable information that may be used for multiple purposes, such as decision making, product development, trend analysis and forecasting.

The major topics covered under the programme

- **Concepts of Data Science**
- **Python Fundamentals**
- **Linear Algebra for Machine Learning**
- **Probability & Statistics for Machine Learning**
- **Introduction to Machine Learning**
- **Classification and Regression Algorithms**
- **Hands-on Sessions on Machine Learning Algorithms**
- **Introduction to Deep Learning**

Who Should Apply

This workshop is interdisciplinary in nature, faculty from AICTE approved Engineering Colleges from all disciplines can apply.

Resource Persons

Experts from academia, industry and research will handle the theory and hands-on sessions.

Selection Process

A limited number of seats (50) will be there on first-come-first-serve basis and selected candidates will be intimated through mail only.